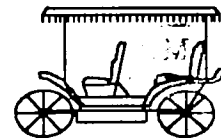


COMMUNICATOR



Surrey Amateur Radio Club, Box 542, Surrey, B.C. V3T 5B7

PRESIDENT.	DENNIS LIVESSEY	VE7DK	594 6675
VICE PRESIDENT.	VIC MEDWAY	VE7CON	584 0142
SECRETARY.	MATT WARD	VE7IDI	585 3517
TREASURER.	ROLAND JUTRAS	VE7IDM	531 1005

CLUB NETS

EACH TUESDAY 20:00Hrs. local time 147.34/147.94Mhz.
EACH SUNDAY 20:00Hrs. local time 28.675 Mhz.



MERRY CHRISTMAS



H A P P Y N E W Y E A R



The next General Meeting of the Surrey Amateur Radio Club will be held on WEDNESDAY JAN. 8th, 1992 at NEWTON JUNIOR SECONDARY SCHOOL. 132nd. St. and 64th, Ave. Surrey B.C. at 1930 hrs. Local Time. Bring a guest.



WE HAD A PARTY!!



YES WE DID

On Saturday December 14th 1991 Members and their partners (Total 49) attended our annual Xmas Party which was held this year at the Elks Hall, George St. White Rock.

The consensus was , that it was one of the better affairs we have had for some time and I must mention that a lot of work was done by Scott. VE7KAT and John VE7JGR to organize the event.

The location, the food, the refreshments, the prizes and the company were all first rate. Many goodies in the shape of Door Prizes were distributed to lucky attendees (I was not lucky).

We are very grateful for the co operation of our local goodie store COM-WEST RADIO. For their help in supplying prizes at Very reasonable cost, and to CARF for the donation of a subscription to "The Canadian Amateur" Magazine.

The Elks catering was excellent, good food and lots of it. All the ladies received gifts, but some people did not win anything Hi!

MINUTES OF MEETING HELD DECEMBER 4 th. 1991

The meeting was called to order at 1940 hrs. With 28 members and 3 visitors present. Laurence VE7ADC. Joe. VE7HJK, and Gord. VE7HKF. The visitors were welcomed by the President.

The members present were asked whether all had received the "COMMUNICATOR". All except Al. VE7AYN had received their copy.

It was asked that the minutes as published in the "COMMUNICATOR" be accepted. Following some discussion Bob. VE7FWZ moved the adoption, the Seconder was Scott. VE7KAT. The minutes were accepted by a unanimous vote.

Roland was unable to present a financial report at this time.

Correspondence. There were no items received via the club Mail Box, but a letter from Croatia re. QSL Card routing was passed around, as were a catalogue (OPTOELECTRONICS). And a pamphlet "Roadkill Cafe". The latter two items courtesy Bill. VE7IGI.

IVAR VE7EYU did not have a full health and welfare report available but it was mentioned that CLIFF.VE7FVO was in good shape, and that BRIAN VE7BJ. was holding his own quite nicely. (HOWIE VE7CNW. was not mentioned as a health and welfare person, he is more than healthy and in better shape than many of us!!)

SCOTT VE7KAT. Presented an update on the preparations for the XMAS PARTY. All is under control with nearly all the tickets taken and most paid for.

There was no report from the theory class but Dennis VE7DK noted that the students all appeared to be attending most classes and that good things were being said about the instructor. GARRY VE7FZZ.

Dennis VE7DK reported on the CW Classes. Average attendance at the school and at his home is between 8 and 13 would be Brass-Pounders. All trainees were progressing satisfactorily.

With regard to the "COMMUNICATOR". Dennis VE7DK asked that more articles and Sell and Want ads were needed, if there were sufficient ads then a free ad column would appear in the "COMMUNICATOR".

MAT, VE7IDI. Reported on Publicity, stating that our ad in the "Peace Arch News" had been incorrectly published and that he had contacted the paper with a correction. A member mentioned that the ad in "Surrey Now" was also incorrect Matt stated that this had been corrected.

JACK VE7FJP suggested that DEAS ISLAND PARK be considered as a possible site for our Field Day effort in 1992.

The proposed modified Club Constitution was discussed and several members put forward changes that they would like to see in the new one. JACK VE7FJP reported on the Club Crests that had been ordered and gave a delivery date of approx. Jan. 1992. He also provided information on jackets that are available at a price of approx \$25. Members who are interested in purchasing the jackets please contact Jack.

The President noted that the Programme for the evening would be a video presentation of a contest group on Curacao.

Bob VE7EYF moved to adjourn the meeting. All members in favour.

My father, who was very old and wise, told me. Always be kind and think well of your enemies.

Remember, "YOU MADE THEM "

TWO METRE RIGS AVAILABLE

The following item was sent via Packet to Dusty VE7YB. Who in turn passed it to me. The item has been edited but the gist is, That there are available through the Pioneers Amateur Radio Club several VHF Mobile Telephone Service radios. These units can be modified to be useable on the two metre band. They require xtals and some cutting and soldering and so may not be ideal for those of you who perhaps do not have the mechanical aptitude to perform the mods. The units would be ideal for use as a dedicated unit for packet. The message came to us via Mike VE7AVM and units are available from him or from Brian VE7BFY. if you require further info ask at the next meeting or contact me. VE7DK.

WHY HAM RADIO OPERATORS

There have been dozens of so called origins discovered which point out the meaning of "HAM" as applied to Amateur Radio Operators. For your consideration here is another.

The word HAM was the call sign for the first amateur wireless station operated by three members of the Harvard Radio Club in 1908. They were Albert Hyman, Bob Aimy and P. Murray. At first they used their names as their call sign, HYMAN-ALMY-MURRAY. When this got too unwieldy they shortened it to "HYALMU". Early in 1909 some confusion occurred between a Mexican Ship called Hyalmo and radio station "HYALMU". As a result of this, the first letters of their names were used as a call sign, thus the word "HAM" was born.

(Florida Skip 1959 via Charlottetown Club Newsletter

GONE SOUTH

Harold VE7BXT and his wife Beryl are joining the exodus to warmer climes. On December 27th. They are leaving for Mesa, Arizona.

Harold will be using HF on the "Snowbird" Net, most days at 1900 UTC. Or on the informal get together at 0130

on 14151. He will be monitoring while mobile.

for the CW operators look for him on 21140 in the mornings local time. We all wish them a safe and enjoyable trip.

SANTA WHO?

I understand that Santa Claus was having problems with Rudolph. Apparently the poor little fella was sick, this threw Santa behind in his deliveries. But according to Harold VE7BXT. Santa Howie A K A VE7CNW. overcame the problem and made a group of hearing impaired children in Langley very happy on Dec 13th, when Harold and Howie visited with them as Santa and Radio Op.

Thanks to both for the good deed.

ITS A WHAT!!!

For the benefit of the members who asked. The thing in each top corner of the front page of the "COMMUNICATOR" is a Surrey (as in "With a fringe on top") and is not the latest mode of transportation of the Club Prez.

ANOTHER WORTHLESS STAT.

Over the last 12 month period 223Kg. of QSL cards were processed by the CRRL VE7 Incoming Bureau.

Based on an average of 370 cards per Kg. That gives an approximate total of 82500 cards or 5870 cards per month.

While on the subject of the Bureau. If there are any Hams out there in Radio Land who do not have envelopes, money, or an arrangement via your local Club to obtain your cards.

BE ADVISED. There will be a big sort out of cards not claimed and most unclaimed cards will be DUMPED!!!! if you are not sure of the procedure contact VE7DK 594 6675.

BURNABY FLEA MARKET

Watch for the info on the Burnaby ARC Flea Market Coming up in February 1992. at a NEW LOCATION

Bigger and Better than ever.

CONSTITUTION

As part of this months mailing, Club members will be receiving the Second Draft of the proposed Club Constitution. I ask that you study this proposal and note any comments you may have or any errors or any changes or additions you feel will be applicable.

The agenda for the January Meeting will include a discussion and hopefully a consensus regarding the final form of the Club Constitution. All the main work on the drafts has been done by Mike VE7MGF and LEN. VE7SLC. So let us try to finish things at this meeting.

P. O. BOX

Many of you may have noticed that correspondence addressed to the Club has been noticeable by its absence. After tremendous effort and fancy detective work we found the reason.

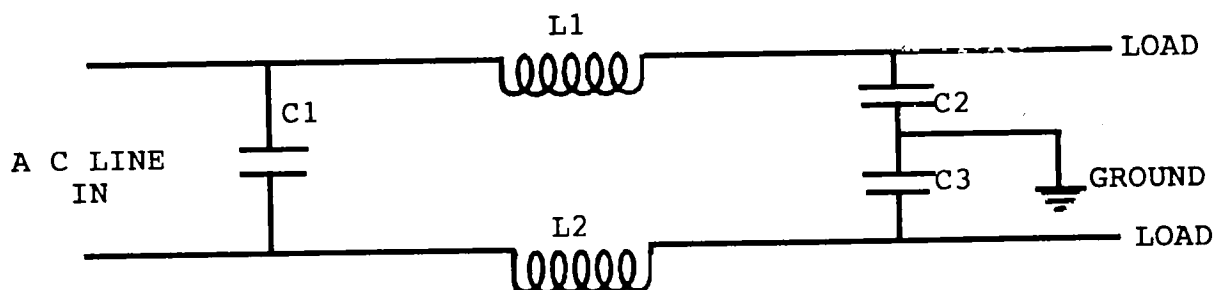
Apparently at some time the Postal People had placed a notice in our box regarding renewal of the Club Box, but there was a time when the box was not checked and during that period the Department took back the request for payment and closed the box.

However Vic. VE7CON sorted everything out and we now have the same Box Number again and Vic will be responsible for checking on a regular basis.

WHOOPEE!!!

On Wednesday December 18 1991 (A day that will live in memory forever) Garry VE7FZZ Conducted a theory examination for several of his trainees. I am very pleased to report that seven of the trainees were successful and will shortly be proud owners of their Certificate. A further test will take place on January 15th, for the balance of the trainees. So far 10 from Garrys' class have made the grade.

Another point worthy of mention is that John VE7JGR took the 12WPM C.W. test and was successful. CONGRATULATIONS to all, and also to Garry the instructor.

A C LINE FILTER

C1, C2, C3. VALUES ARE NOT CRITICAL AS LONG AS THEY ARE BETWEEN 0.001mfd. AND 0.01mfd. L1 AND L2 CAN BE A 2" WINDING OF #18 GA. ENAMELLED WIRE ON A 1/2" FORM. MAKE SURE THAT THERE ARE NO EXPOSED CONDUCTORS AS THEY CAN BE FATAL IF TOUCHED.

VE7BXT

YOU ASKED FOR IT !!!!!

There was not enough time at the general meeting to personally respond to the following query.

THE QUESTION

"Listening on Ham Radio the last few weeks I hear a lot of talk about Solar Flares. What does this mean?"

As Amateurs we are aware of the influence of the Sun on radio communication. We all know about Ionized layers in the upper atmosphere due to UV and X-Rays from old Sol.Right Gang??

How about Sun Spots? Those bright Solar disturbances, thousands of Km. in diameter, gathering in groups of increasing size over about 11 years on average, from peak to peak and known as the Sun Spot Cycle. as activity increases so does radiation and emission of charged particles, thus the ionization and density of the layers, improving long range communication.

A major flare is the most violent of solar disturbances, giving off intense UV and X-Rays. these rays hit the atmosphere at the speed of light, increasing ionization. Radio waves hitting the ionosphere could be quite strongly reflected prior to the occasion of the flare, and shortly afterwards may fade and disappear completely.

All frequencies from 1.5 to 30 Mhz. are affected, with lower f's being most severely absorbed. this fade out is called Sudden Ionospheric disturbance (SID) and affects only stations on the sunlit hemisphere of the earth. Fade outs may last a few minutes or several hours and may be in rapid succession.

Within 24 hrs. of the flare outburst, low energy cosmic rays enter the polar regions causing polar radio blackouts. A long plasma tongue, with its own magnetic field stretches out from the sun sweeping the earth.

These developments disrupt the ionosphere, the earth's magnetosphere and generate magnetic storms.

All of these features, which are the result of solar flares, can disrupt communications in the 2 to 30 Mhz. range for days.

Now aren't you glad you asked???

If you would like to see your questions answered here, please let us know !!

73 BOB VE7EYF